Nuclear Instruments and Methods in Physics Research A267 (1988) 553–560
North-Holland, Amsterdam

AUTHOR INDEX

Aardsma, G.E., see Jagam, P. . . . A267 (1988) 486
Abolins, M., see Womersley, W.J. . . . A267 (1988) 49
Akrouf, S., see Liatard, E. . . . A267 (1988) 231
An Ji-Gang, K.J. Anderson, F.S. Merritt, M. Oreglia, J.E. Pilcher, A. Possoz and W. Schappert, Influence of gas mixture and primary ionization on the performance of limited streamer mode tubes . . . A267 (1988) 386
An Ji-Gang, K.J. Anderson, F.S. Merritt, M. Oreglia, J.E. Pilcher, A. Possoz and W. Schappert, A study of the self-quenched streamer mode using a nitrogen laser . . . A267 (1988) 396
Anderson, K.J., see An Ji-Gang . . . A267 (1988) 386
Anderson, K.J., see An Ji-Gang . . . A267 (1988) 396
Andersson, Å. and M. Eriksson, Positron production for ESRF . . . A267 (1988) 15
Apollinari, G., see Bertolucci, S. . . . A267 (1988) 301
Arnold, R.G., see Katramatou, A.T. . . . A267 (1988) 448
Artamonov, V.S., see Kalebin, S.M. . . . A267 (1988) 35

Balka, L., K. Coover, R. Diebold, W. Evans, N. Hill, L. Nodulman, J. Proudfoot, R. Rezmer, J.R. Sauer, P. Schoessow, D. Underwood, R.G. Wagner, E. Walschon, A.B. Wicklund, T. Kamon, Y. Kikuchi, K. Kondo, K. Takikawa, A. Yamashita, J.E. Elias, H. Jensen, H. Kautzky, R. Krull, K. Yasuoka, T. Devlin, U. Joshi, D. Bauer, D. Connor, J.W. Cooper, S.R. Hahn, M. Miller, R. VanBerg, H.H. Williams, S. Kobayashi, A. Murakami and S. Mikamo, The CDF central electromagnetic calorimeter . . . A267 (1988) 272
Bannenberg, J.G., see Urbanus, W.H. . . . A267 (1988) 237
Barnes, V.E., see Bertolucci, S. . . . A267 (1988) 301
Bassini, R., C. Boiano, S. Brambilla, I. Iori, A. Moroni and Zhang Yingji, A VME pressure control system for gas-filled detectors . . . A267 (1988) 499
Bauer, D., see Balka, L. . . . A267 (1988) 272
Bauer, D., see Hahn, S.R. . . . A267 (1988) 351
Bedeschi, F., see Bertolucci, S. . . . A267 (1988) 301
Belforte, S., see Bertolucci, S. . . . A267 (1988) 301
Bellettini, G., see Bertolucci, S. . . . A267 (1988) 301
Bensinger, J., see Brandenburg, G. . . . A267 (1988) 257
Berkvens, P., see Van Otten, P. . . . A267 (1988) 183
Bertolucci, S., M. Cordelli, B. Esposito, M. Curatolo, P. Giromini, S. Miscetti, A. Sansoni, G. Apollinari, F. Bedeschi, S. Belforte, G. Bellettini, N. Bonavita, F. Cervelli, G. Chiarelli, R. Del Fabbro, M. Dell'Orso, E. Focardi, P. Giannetti, A. Menzione, R. Paoletti, G. Punzi, L. Ristori, A. Scribano, P. Sestini, A. Stefanini, G. Tonelli, F. Zetti, V.E. Barnes, A. Di Virgilio, A.F. Garfinkel, S.E. Kuhlmann, A.T. Laasanen, H. Jensen and H. Kautzky, The CDF central and endwall hadron calorimeter . . . A267 (1988) 301
Berz, M. and H. Wollnik, Simulation of intense particle beams with regularly distributed Gaussian subbeams . . . A267 (1988) 25
Blann, M., see Reffo, G. . . . A267 (1988) 408
Blocker, C., see Brandenburg, G. . . . A267 (1988) 257
Bocquet, J.P., R. Brissot and H.R. Faust, A large ionization chamber for fission fragment nuclear charge identification at the LOHENGRIN spectrometer . . . A267 (1988) 466
Bofill, J., see Womersley, W.J. . . . A267 (1988) 49
Bogert, D., see Womersley, W.J. . . . A267 (1988) 49
Boiano, C., see Bassini, R. . . . A267 (1988) 499
Bonavita, N., see Bertolucci, S. . . . A267 (1988) 301
Bopp, P., E. Klemt, J. Last, H. Schütze, D. Dubbers and S.J. Freedman, The superconducting neutron decay spectrometer PERKEO . . . A267 (1988) 436
Bosted, P.E., see Katramatou, A.T. . . . A267 (1988) 448
Bouclier, R., G. Charpak, W. Gao, G. Million, P. Miné, S. Paul, J.C. Santiard, D. Scigocki, N. Solomey and M. Suffert, Test of an electromagnetic calorimeter using BaF_2 scintillators and photosensitive wire chambers between 1 and 9 GeV . . . A267 (1988) 69
Brambilla, S., see Bassini, R. . . . A267 (1988) 499
Brandenburg, G., D. Brown, R. Carey, M. Eaton, A. Feldman, E. Kearns, J. Oliver, E. Sadowski, R. Schwitters, M. Shapiro, R.St. Denis, J. Bensinger, C. Blocker, M. Contreras, L. Demortier, P. Kesten, L. Kirsch, H.

0168-9002/88/$03.50 © Elsevier Science Publishers B.V.
(North-Holland Physics Publishing Division)

Piekarz, L. Spencer and S. Tarem, An electromagnetic calorimeter for the small angle regions of the Collider Detector at Fermilab . . . A267 (1988) 257
Brissot, R., see Bocquet, J.P. . . . A267 (1988) 466
Brock, R., see Womersley, W.J. . . . A267 (1988) 49
Brown, D., see Brandenburg, G. . . . A267 (1988) 257
Bruandet, J.F., see Liatard, E. . . . A267 (1988) 231
Bruschi, M., P. Calonaci, G. Poggi and N. Taccetti, High count rate particle spectroscopy with silicon surface-barrier detectors . . . A267 (1988) 171

Calonaci, P., see Bruschi, M. . . . A267 (1988) 171
Carey, R., see Brandenburg, G. . . . A267 (1988) 257
Carlin, R., see Gasparini, F. . . . A267 (1988) 87
Carosi, G., see Gasparini, F. . . . A267 (1988) 87
CDF NW Wedge Group, see Yasuoka, K. . . . A267 (1988) 315
Cervelli, F., see Bertolucci, S. . . . A267 (1988) 301
Chang, K.H., see Wiescher, M. . . . A267 (1988) 242
Charpak, G., see Bouclier, R. . . . A267 (1988) 69
Chen, M., C. Dionisi, Yu. Galaktinov, G. Herten, P. LeCoultre, Yu. Kamyshkov, K. Luebelsmeyer, W. Wallraff and R.K. Yamamoto, The Xenon Olive Detector for the next generation colliders . . . A267 (1988) 43
Chernishov, V.S., see Kalebin, S.M. . . . A267 (1988) 35
Chiarelli, G., see Bertolucci, S. . . . A267 (1988) 301
Chung, C. and T.-C. Tseng, In situ prompt gamma-ray activation analysis of water pollutants using a shallow ^{252}Cf–HPGe probe . . . A267 (1988) 223
Cihangir, S., F. Marchetto, P. McIntyre, T. Meyer and R. Webb, The CDF forward/backward hadron calorimeter . . . A267 (1988) 249
Cihangir, S., see Wagner, R.G. . . . A267 (1988) 330
Cobau, W.G., see Womersley, W.J. . . . A267 (1988) 49
Cohen, D.D., X-rays from an ^{241}Am source and their relative intensities . . . A267 (1988) 492
Connell, K.A., see James, A.N. . . . A267 (1988) 144
Connor, D., see Balka, L. . . . A267 (1988) 272
Connor, D., see Hahn, S.R. . . . A267 (1988) 351
Connor, D.F., see Wagner, R.G. . . . A267 (1988) 330
Contreras, M., see Brandenburg, G. . . . A267 (1988) 257
Cooper, J.W., see Balka, L. . . . A267 (1988) 272
Cooper, J.W., see Hahn, S.R. . . . A267 (1988) 351
Coover, K., see Balka, L. . . . A267 (1988) 272
Cordelli, M., see Bertolucci, S. . . . A267 (1988) 301
Curatolo, M., see Bertolucci, S. . . . A267 (1988) 301

D'Agostini, G., see Gasparini, F. . . . A267 (1988) 87
De Giorgi, M., see Gasparini, F. . . . A267 (1988) 87
De Graeve, A., see Van Otten, P. . . . A267 (1988) 183
De Lima, E.P., J.L. Pinto da Cunha, R. Ferreira Marques and A.J.P.L. Policarpo , The charge distribution of self-quenching streamers . . . A267 (1988) 93
Del Fabbro, R., see Bertolucci, S. . . . A267 (1988) 301
Dell'Orso, M., see Bertolucci, S. . . . A267 (1988) 301
Demortier, L., see Brandenburg, G. . . . A267 (1988) 257
Denis, R.St., see Brandenburg, G. . . . A267 (1988) 257
Devlin, T., see Balka, L. . . . A267 (1988) 272
Di Virgilio, A., see Bertolucci, S. . . . A267 (1988) 301
Di Virgilio, A., see Wagner, R.G. . . . A267 (1988) 330
Diebold, R., see Balka, L. . . . A267 (1988) 272
Dionisi, C., see Chen, M. . . . A267 (1988) 43
Doorn, S., see Urbanus, W.H. . . . A267 (1988) 237
Dosselli, U., see Gasparini, F. . . . A267 (1988) 87
Douma, S., see Urbanus, W.H. . . . A267 (1988) 237
Dousse, J.-Cl., see Perny, B. . . . A267 (1988) 120
Dubbelman, P., see Urbanus, W.H. . . . A267 (1988) 237
Dubbers, D., see Bopp, P. . . . A267 (1988) 436

Eaton, M., see Brandenburg, G. A267 (1988) 257
Einfeld, D. and P.R.W. Henkes , The reduction of betatron oscillations by the kicker pulse of a one-kicker injection system A267 (1988) 547
Eisele, R.L., see Katramatou, A.T. A267 (1988) 448
Elias, J.E., see Balka, L. A267 (1988) 272
Elias, J.E., see Wagner, R.G. A267 (1988) 330
Eriksson, M., see Andersson, Å. A267 (1988) 15
Esposito, B., see Bertolucci, S. A267 (1988) 301
Evans, W., see Balka, L. A267 (1988) 272

Faust, H.R., see Bocquet, J.P. A267 (1988) 466
Feldman, A., see Brandenburg, G. A267 (1988) 257
Ferdinande, H., see Van Otten, P. A267 (1988) 183
Ferreira Marques, R., see De Lima, E.P. A267 (1988) 93
Fesefeldt, H., A study of proportional counter readout in uranium calorimeters A267 (1988) 367
Fick, D., see Wassmuth, K. A267 (1988) 22
Filippone, B.W., see Wiescher, M. A267 (1988) 242
Focardi, E., see Bertolucci, S. A267 (1988) 301
Focardi, E., see Wagner, R.G. A267 (1988) 330
Fonte, R., see Palamà, G.F. A267 (1988) 165
Fontenille, A., see Liatard, E. A267 (1988) 231
Freedman, S.J., see Bopp, P. A267 (1988) 436
Friedman, J.I., see Womersley, W.J. A267 (1988) 49
Fuess, S., see Womersley, W.J. A267 (1988) 49
Fukui, Y., M. Mishina, Y. Hayashide, S. Kanda, S. Kim, K. Kondo, S. Miyashita, H. Miyata, Y. Morita, M. Shibata, K. Takikawa, S. Mori and Y. Muraki, CDF end plug electromagnetic calorimeter using conductive plastic proportional tubes A267 (1988) 280

Galaktinov, Yu., see Chen, M. A267 (1988) 43
Gao, W., see Bouclier, R. A267 (1988) 69
Garfinkel, A.F., see Bertolucci, S. A267 (1988) 301
Gasparini, F., R. Carlin, G. Carosi, G. D'Agostini, M. De Giorgi, U. Dosselli, M. Gaspero, S. Limentani, G. Marini, M. Morandin, A. Nigro, M. Posocco, L. Stanco, R. Stroili and C. Voci , Drift time measurements in limited streamer tubes A267 (1988) 87
Gaspero, M., see Gasparini, F. A267 (1988) 87
Gasser, M., see Perny, B. A267 (1988) 120
Gearhart, R.A., see Katramatou, A.T. A267 (1988) 448
Giannetti, P., see Bertolucci, S. A267 (1988) 301
Giromini, P., see Bertolucci, S. A267 (1988) 301
Glasser, F., see Liatard, E. A267 (1988) 231
Goede, A.P.H., B.R. Nielsen and E. Thompson, Physics design of the deflection magnets of the JET neutral beam injector A267 (1988) 193
Goede, A.P.H., B.R. Nielsen, F. Shone, T. Sønderskov and E. Thompson, Engineering, manufacture and test of the deflection magnets of the JET neutral beam injector A267 (1988) 203
Goodman, M.C., see Womersley, W.J. A267 (1988) 49
Görres, J., see Wiescher, M. A267 (1988) 242
Goto, K., see Tanaka, M. A267 (1988) 139
Grion, N., see Rozon, F.M. A267 (1988) 101

Hahn, L.J., see Jagam, P. A267 (1988) 486
Hahn, S.R., see Balka, L. A267 (1988) 272
Hahn, S.R., M. Miller, D. Connor, D. Bauer, J.W. Cooper, R. Pierce, W. Mueller, R. VanBerg, H.H. Williams, W. Li, L. Nodulman, J. Proudfoot, R. Rezmer, D. Underwood and R.G. Wagner, Calibration systems for the CDF central electromagnetic calorimeter A267 (1988) 351
Hahn, S.R., see Wagner, R.G. A267 (1988) 330
Hatcher, R.W., see Womersley, W.J. A267 (1988) 49
Hayashide, Y., see Fukui, Y. A267 (1988) 280
Henkes, P.R.W., see Einfeld, D. A267 (1988) 547
Herten, G., see Chen, M. A267 (1988) 43
Hill, N., see Balka, L. A267 (1988) 272
Hoffmann, P., see Nessel, R. A267 (1988) 157

Howerton, R.J., see Reffo, G. A267 (1988) 408
Huk, M., P. Igo-Kemenes and A. Wagner, Electron attachment to oxygen, water, and methanol, in various drift chamber gas mixtures A267 (1988) 107

Igo-Kemenes, P., see Huk, M. A267 (1988) 107
Imanishi, A., H. Okuno and K. Ukai, Cascadable digital counting logic using a bipolar gate array A267 (1988) 168
Inoue, M., see Tanaka, M. A267 (1988) 139
Iori, I., see Bassini, R. A267 (1988) 499
Ishikawa, J., see Urbanus, W.H. A267 (1988) 237
Ivanov, R.N., see Kalebin, S.M. A267 (1988) 35

Jacobs, L., see Kaerts, E. A267 (1988) 473
Jagam, P., J.J. Simpson, B.C. Robertson, L.J. Hahn and G.E. Aardsma, Performance of an intrinsic germanium three-crystal ultralow background gamma-ray spectrometer A267 (1988) 486
James, A.N., T.P. Morrison, K.L. Ying, K.A. Connell, H.G. Price and J. Simpson, Microsecond mass separation of heavy compound nucleus residues using the Daresbury recoil separator A267 (1988) 144
Jensen, H., see Balka, L. A267 (1988) 272
Jensen, H., see Bertolucci, S. A267 (1988) 301
Joshi, U., see Balka, L. A267 (1988) 272

Kaerts, E., L. Jacobs, G. Vandenput and P.H.M. Van Assche, The bent crystal diffraction spectrometer at the BR2 reactor in Mol A267 (1988) 473
Kalebin, S.M., G.V. Rukolaine, A.N. Polozov, V.S. Artamonov, R.N. Ivanov and V.S. Chernishov, A neutron monochromator with five synchronously rotating rotors suspended in a magnetic field A267 (1988) 35
Kamon, T., see Balka, L. A267 (1988) 272
Kamon, T., see Wagner, R.G. A267 (1988) 330
Kamon, T., see Yasuoka, K. A267 (1988) 315
Kamyshkov, Yu., see Chen, M. A267 (1988) 43
Kanda, S., see Fukui, Y. A267 (1988) 280
Katori, K., see Tanaka, M. A267 (1988) 139
Katramatou, A.T., G.G. Petratos, R.G. Arnold, P.E. Bosted, R.L. Eisele and R.A. Gearhart, Design and performance of a double-arm 180° spectrometer system for magnetic electron scattering from deuterium . . A267 (1988) 448
Kautzky, H., see Balka, L. A267 (1988) 272
Kautzky, H., see Bertolucci, S. A267 (1988) 301
Kearns, E., see Brandenburg, G. A267 (1988) 257
Kendall, H.W., see Womersley, W.J. A267 (1988) 49
Kerkhove, E., see Van Otten, P. A267 (1988) 183
Kern, J., see Perny, B. A267 (1988) 120
Kesten, P., see Brandenburg, G. A267 (1988) 257
Kikuchi, Y., see Balka, L. A267 (1988) 272
Kim, S., see Fukui, Y. A267 (1988) 280
Kirsch, L., see Brandenburg, G. A267 (1988) 257
Kistiakowsky, V., see Womersley, W.J. A267 (1988) 49
Klemt, E., see Bopp, P. A267 (1988) 436
Kobayashi, S., see Balka, L. A267 (1988) 272
Kobayashi, S., see Wagner, R.G. A267 (1988) 330
Koch, E.E., see Mourikis, S. A267 (1988) 218
Komoto, T., see Reffo, G. A267 (1988) 408
Komura, S., T. Takeda, T. Miyazaki, M. Saga and S. Ueno, A neutron spin echo spectrometer using superconducting magnets A267 (1988) 425
Kondo, K., see Balka, L. A267 (1988) 272
Kondo, K., see Fukui, Y. A267 (1988) 280
Koudijs, R., see Urbanus, W.H. A267 (1988) 237
Kratz, K.L., see Wiescher, M. A267 (1988) 242
Krull, R., see Balka, L. A267 (1988) 272
Kuhlmann, S.E., see Bertolucci, S. A267 (1988) 301

Laasanen, A.T., see Bertolucci, S. A267 (1988) 301
Lanners, R., see Perny, B. A267 (1988) 120
Last, J., see Bopp, P. A267 (1988) 436
Lauch, J. and H.U. Nachbar, Random pulse generator with a uniformly distributed amplitude spectrum A267 (1988) 177

Laudet, Ph. and J.P. Roques, Correction for detector uniformity of a gamma-ray telescope using coded aperture imaging . . . A267 (1988) 212
LeCoultre, P., see Chen, M. . . . A267 (1988) 43
Leist, B., see Wiescher, M. . . . A267 (1988) 242
Li, W., see Hahn, S.R. . . . A267 (1988) 351
Liatard, E., S. Akrouf, J.F. Bruandet, A. Fontenille, F. Glasser, P. Stassi and Tsan Ung Chan, Détection de produits de fission à l'aide de cellules photovoltaiques (*Letter to the Editor*) . . . A267 (1988) 231
Lieser, K.H., see Nessel, R. . . . A267 (1988) 157
Limentani, S., see Gasparini, F. . . . A267 (1988) 87
Luebelsmeyer, K., see Chen, M. . . . A267 (1988) 43
Lyons, T., see Womersley, W.J. . . . A267 (1988) 49

Marchetto, F., see Cihangir, S. . . . A267 (1988) 249
Marini, G., see Gasparini, F. . . . A267 (1988) 87
McIntyre, P., see Cihangir, S. . . . A267 (1988) 249
Menzione, A., see Bertolucci, S. . . . A267 (1988) 301
Merritt, F.S., see An Ji-Gang . . . A267 (1988) 386
Merritt, F.S., see An Ji-Gang . . . A267 (1988) 396
Meyer, T., see Cihangir, S. . . . A267 (1988) 249
Mikamo, S., see Balka, L. . . . A267 (1988) 272
Mikamo, S., see Yasuoka, K. . . . A267 (1988) 315
Mikamo, S., see Wagner, R.G. . . . A267 (1988) 330
Miller, M., see Balka, L. . . . A267 (1988) 272
Miller, M., see Hahn, S.R. . . . A267 (1988) 351
Miller, M.R., see Wagner, R.G. . . . A267 (1988) 330
Million, G., see Bouclier, R. . . . A267 (1988) 69
Miné, P., see Bouclier, R. . . . A267 (1988) 69
Miscetti, S., see Bertolucci, S. . . . A267 (1988) 301
Mishina, M., see Fukui, Y. . . . A267 (1988) 280
Mitchell, L.W., see Wiescher, M. . . . A267 (1988) 242
Miyashita, S., see Fukui, Y. . . . A267 (1988) 280
Miyata, H., see Fukui, Y. . . . A267 (1988) 280
Miyazaki, T., see Komura, S. . . . A267 (1988) 425
Morandin, M., see Gasparini, F. . . . A267 (1988) 87
Mori, S., see Fukui, Y. . . . A267 (1988) 280
Morita, Y., see Fukui, Y. . . . A267 (1988) 280
Moroni, A., see Bassini, R. . . . A267 (1988) 499
Morrison, T.P., see James, A.N. . . . A267 (1988) 144
Mourikis, S., E.E. Koch and V. Saile, Test station for optical elements exposed to high power synchrotron radiation beams . . . A267 (1988) 218
Mueller, W., see Hahn, S.R. . . . A267 (1988) 351
Murakami, A., see Balka, L. . . . A267 (1988) 272
Murakami, A., see Wagner, R.G. . . . A267 (1988) 330
Muraki, Y., see Fukui, Y. . . . A267 (1988) 280
Murphy, T.J., Calculation of fusion product angular correlation coefficients for fusion plasmas . . . A267 (1988) 520

Nachbar, H.U., see Lauch, J. . . . A267 (1988) 177
Nakayama, S., see Tanaka, M. . . . A267 (1988) 139
Németh, Zs., K and total internal conversion coefficients of the 1063.6 keV M4 transition of ^{207}Pb . . . A267 (1988) 153
Nessel, R., N. Pilz, P. Hoffmann and K.H. Lieser, X-ray and γ-ray spectrometer based on a 68 000 microprocessor computer for simultaneous measurement and evaluation . . . A267 (1988) 157
Nielsen, B.R., see Goede, A.P.H. . . . A267 (1988) 193
Nielsen, B.R., see Goede, A.P.H. . . . A267 (1988) 203
Nigro, A., see Gasparini, F. . . . A267 (1988) 87
Nodulman, L., see Balka, L. . . . A267 (1988) 272
Nodulman, L., see Hahn, S.R. . . . A267 (1988) 351

Ogata, H., see Tanaka, M. . . . A267 (1988) 139
Okuno, H., see Imanishi, A. . . . A267 (1988) 168
Oliver, J., see Brandenburg, G. . . . A267 (1988) 257
Oreglia, M., see An Ji-Gang . . . A267 (1988) 386

Oreglia, M., see An Ji-Gang A267 (1988) 396
Osborne, L.S., see Womersley, W.J. A267 (1988) 49
Owen, D., see Womersley, W.J. A267 (1988) 49

Palamà, G.F., G.V. Russo and R. Fonte, CSTC 1/2: a CAMAC streamer tubes controller with on-line preprocessing A267 (1988) 165
Paoletti, R., see Bertolucci, S. A267 (1988) 301
Paul, S., see Bouclier, R. A267 (1988) 69
Pereira, D., O. Sala and U. Schnitter, A new method for controlling on-target beam position A267 (1988) 41
Perkins, G.J., see Womersley, W.J. A267 (1988) 49
Perny, B., J.-Cl. Dousse, M. Gasser, J. Kern, R. Lanners, Ch. Rhême and W. Schwitz, Dumond curved crystal spectrometer for in-beam X- and gamma-ray spectroscopy A267 (1988) 120
Petratos, G.G., see Katramatou, A.T. A267 (1988) 448
Piekarz, H., see Brandenburg, G. A267 (1988) 257
Pierce, R., see Hahn, S.R. A267 (1988) 351
Pilcher, J.E., see An Ji-Gang A267 (1988) 386
Pilcher, J.E., see An Ji-Gang A267 (1988) 396
Pilz, N., see Nessel, R. A267 (1988) 157
Pinto da Cunha, J.L., see De Lima, E.P. A267 (1988) 93
Pitt, R.E., see Womersley, W.J. A267 (1988) 49
Poggi, G., see Bruschi, M. A267 (1988) 171
Policarpo, A.J.P.L., see De Lima, E.P. A267 (1988) 93
Polozov, A.N., see Kalebin, S.M. A267 (1988) 35
Posocco, M., see Gasparini, F. A267 (1988) 87
Possoz, A., see An Ji-Gang A267 (1988) 386
Possoz, A., see An Ji-Gang A267 (1988) 396
Price, H.G., see James, A.N. A267 (1988) 144
Proudfoot, J., see Balka, L. A267 (1988) 272
Proudfoot, J., see Hahn, S.R. A267 (1988) 351
Punzi, G., see Bertolucci, S. A267 (1988) 301

Reffo, G., M. Blann, T. Komoto and R.J. Howerton, Low energy neutron capture of neutron-rich target nuclides A267 (1988) 408
Rezmer, R., see Balka, L. A267 (1988) 272
Rezmer, R., see Hahn, S.R. A267 (1988) 351
Rhême, Ch., see Perny, B. A267 (1988) 120
Ristori, L., see Bertolucci, S. A267 (1988) 301
Robertson, B.C., see Jagam, P. A267 (1988) 486
Roques, J.P., see Laudet, Ph. A267 (1988) 212
Ros, H.H., see Rucker, T.L. A267 (1988) 511
Rozon, F.M., N. Grion and R. Rui, A total absorption range telescope – The CARUZ A267 (1988) 101
Rucker, T.L., H.H. Ros and G.K. Schweitzer, Monte Carlo modeling of fiber-scintillator flow-cell radiation detector geometry A267 (1988) 511
Rui, R., see Rozon, F.M. A267 (1988) 101
Rukolaine, G.V., see Kalebin, S.M. A267 (1988) 35
Russo, G.V., see Palamà, G.F. A267 (1988) 165
Ryckbosch, D., see Van Otten, P. A267 (1988) 183

Sadowski, E., see Brandenburg, G. A267 (1988) 257
Saga, M., see Komura, S. A267 (1988) 425
Saile, V., see Mourikis, S. A267 (1988) 218
Sala, O., see Pereira, D. A267 (1988) 41
Sansoni, A., see Bertolucci, S. A267 (1988) 301
Santiard, J.C., see Bouclier, R. A267 (1988) 69
Saris, F.W., see Urbanus, W.H. A267 (1988) 237
Sauer, J.R., see Balka, L. A267 (1988) 272
Savage, M.J., see Wiescher, M. A267 (1988) 242
Schappert, W., see An Ji-Gang A267 (1988) 386
Schappert, W., see An Ji-Gang A267 (1988) 396
Schnitter, U., see Pereira, D. A267 (1988) 41
Schoessow, P., see Balka, L. A267 (1988) 272

Schütze, H., see Bopp, P. . . . A267 (1988) 436
Schweitzer, G.K., see Rucker, T.L. . . . A267 (1988) 511
Schwitters, R., see Brandenburg, G. . . . A267 (1988) 257
Schwitz, W., see Perny, B. . . . A267 (1988) 120
Scigocki, D., see Bouclier, R. . . . A267 (1988) 69
Scribano, A., see Bertolucci, S. . . . A267 (1988) 301
Sestini, P., see Bertolucci, S. . . . A267 (1988) 301
Shapiro, M., see Brandenburg, G. . . . A267 (1988) 257
Shibata, M., see Fukui, Y. . . . A267 (1988) 280
Shone, F., see Goede, A.P.H. . . . A267 (1988) 203
Simpson, J., see James, A.N. . . . A267 (1988) 144
Simpson, J.J., see Jagam, P. . . . A267 (1988) 486
Solomey, N., see Bouclier, R. . . . A267 (1988) 69
Sønderskov, T., see Goede, A.P.H. . . . A267 (1988) 203
Sosin, Z., Reduction of charged particle energy spectra to zero target thickness . . . A267 (1988) 509
Spencer, L., see Brandenburg, G. . . . A267 (1988) 257
Stanco, L., see Gasparini, F. . . . A267 (1988) 87
Stassi, P., see Liatard, E. . . . A267 (1988) 231
Stefanini, A., see Bertolucci, S. . . . A267 (1988) 301
Stroili, R., see Gasparini, F. . . . A267 (1988) 87
Strongin, B., see Womersley, W.J. . . . A267 (1988) 49
Stutte, L., see Womersley, W.J. . . . A267 (1988) 49
Suffert, M., see Bouclier, R. . . . A267 (1988) 69

Taccetti, N., see Bruschi, M. . . . A267 (1988) 171
Takeda, T., see Komura, S. . . . A267 (1988) 425
Takikawa, K., see Balka, L. . . . A267 (1988) 272
Takikawa, K., see Fukui, Y. . . . A267 (1988) 280
Tanaka, M., T. Yamagata, S. Nakayama, M. Inoue, K. Goto, K. Katori, M. Yanagi and H. Ogata, Double scattering measurement applied for heavy ion elastic scattering at intermediate energies . . . A267 (1988) 139
Tarem, S., see Brandenburg, G. . . . A267 (1988) 257
Tartaglia, M., see Womersley, W.J. . . . A267 (1988) 49
Taylor, F.E., see Womersley, W.J. . . . A267 (1988) 49
Thompson, E., see Goede, A.P.H. . . . A267 (1988) 193
Thompson, E., see Goede, A.P.H. . . . A267 (1988) 203
Tichy, M., Bayesian approach to neutron spectrum adjustment . . . A267 (1988) 502
Tonelli, G., see Bertolucci, S. . . . A267 (1988) 301
Tsan Ung Chan, see Liatard, E. . . . A267 (1988) 231
Tseng, T.-C., see Chung, C. . . . A267 (1988) 223

Ueno, S., see Komura, S. . . . A267 (1988) 425
Ukai, K., see Imanishi, A. . . . A267 (1988) 168
Underwood, D., see Balka, L. . . . A267 (1988) 272
Underwood, D., see Hahn, S.R. . . . A267 (1988) 351
Urbanus, W.H., J.G. Bannenberg, S. Doorn, S. Douma, J. Ishikawa, F.W. Saris, R. Koudijs and P. Dubbelman, A microwave ion source and injector system for a Van de Graaff accelerator . . . A267 (1988) 237

Van Assche, P.H.M., see Kaerts, E. . . . A267 (1988) 473
Van Camp, E., see Van Otten, P. . . . A267 (1988) 183
Van de Vyver, R., see Van Otten, P. . . . A267 (1988) 183
Van Hoorebeke, L., see Van Otten, P. . . . A267 (1988) 183
Van Otten, P., R. Van de Vyver, E. Van Camp, E. Kerkhove, P. Berkvens, H. Ferdinande, D. Ryckbosch, A. De Graeve and L. Van Hoorebeke , A general Monte Carlo calculation for the geometrical efficiency of a detection system . . . A267 (1988) 183
VanBerg, R., see Balka, L. . . . A267 (1988) 272
VanBerg, R., see Hahn, S.R. . . . A267 (1988) 351
Vandenput, G., see Kaerts, E. . . . A267 (1988) 473
Voci, C., see Gasparini, F. . . . A267 (1988) 87
Vogelaar, R.B., see Wiescher, M. . . . A267 (1988) 242

Wagner, A., see Huk, M. . . . A267 (1988) 107
Wagner, R.G., see Balka, L. . . . A267 (1988) 272
Wagner, R.G., S. Mikamo, S. Kobayashi, A. Murakami, T. Kamon, A. Yamashita, A. Di Virgilio, D.F. Connor, S.R. Hahn, M.R. Miller, J.E. Elias, E. Focardi, K. Yasuoka and S. Cihangir, Cosmic ray test of the central CDF calorimeters . . . A267 (1988) 330
Wagner, R.G., see Hahn, S.R. . . . A267 (1988) 351
Walker, J.K., see Womersley, W.J. . . . A267 (1988) 49
Walker, R.P., Near field effects in off-axis undulator radiation . . . A267 (1988) 537
Wallraff, W., see Chen, M. . . . A267 (1988) 43
Walschon, E., see Balka, L. . . . A267 (1988) 272
Wassmuth, K. and D. Fick, Nuclear spin depolarization of ^{6}Li on surface ionizers . . . A267 (1988) 22
Webb, R., see Cihangir, S. . . . A267 (1988) 249
Weerts, H., see Womersley, W.J. . . . A267 (1988) 49
Wicklund, A.B., see Balka, L. . . . A267 (1988) 272
Wiescher, M., J. Görres, K.L. Kratz, B. Leist, K.H. Chang, B.W. Filippone, L.W. Mitchell, M.J. Savage and R.B. Vogelaar, The fabrication and properties of a ^{22}Na target . . . A267 (1988) 242
Williams, H.H., see Balka, L. . . . A267 (1988) 272
Williams, H.H., see Hahn, S.R. . . . A267 (1988) 351
Wolf, H.E., see Wolff, W. . . . A267 (1988) 161
Wolff, W. and H.E. Wolf, A small multiparameter data acquisition system for nuclear spectroscopy . . . A267 (1988) 161
Wollnik, H., see Berz, M. . . . A267 (1988) 25
Womersley, W.J., J.K. Walker, D. Bogert, L. Stutte, J. Bofill, J.I. Friedman, S. Fuess, M.C. Goodman, H.W. Kendall, V. Kistiakowsky, T. Lyons, L.S. Osborne, R.E. Pitt, B. Strongin, F.E. Taylor, M. Abolins, R. Brock, W.G. Cobau, R.W. Hatcher, D. Owen, G.J. Perkins, M. Tartaglia and H. Weerts, Hadron showers in a low-density fine-grained flash chamber calorimeter . . . A267 (1988) 49

Yamagata, T., see Tanaka, M. . . . A267 (1988) 139
Yamamoto, R.K., see Chen, M. . . . A267 (1988) 43
Yamashita, A., see Balka, L. . . . A267 (1988) 272
Yamashita, A., see Yasuoka, K. . . . A267 (1988) 315
Yamashita, A., see Wagner, R.G. . . . A267 (1988) 330
Yanagi, M., see Tanaka, M. . . . A267 (1988) 139
Yasuoka, K., see Balka, L. . . . A267 (1988) 272
Yasuoka, K., see Wagner, R.G. . . . A267 (1988) 330
Yasuoka, K., S. Mikamo, T. Kamon, A. Yamashita and the CDF NW Wedge Group, Response maps of the CDF central electromagnetic calorimeter with electrons . . . A267 (1988) 315
Ying, K.L., see James, A.N. . . . A267 (1988) 144

Żakowicz, W., Acceleration of particles by laser radiation scattered by a system of conductive spheres . . . A267 (1988) 1
Zetti, F., see Bertolucci, S. . . . A267 (1988) 301
Zhang Yingji, see Bassini, R. . . . A267 (1988) 499

Nuclear Instruments and Methods in Physics Research A267 (1988) 561–563
North-Holland, Amsterdam

SUBJECT INDEX

Accelerators, Beam Handling and Targets

Acceleration of particles by laser radiation scattered by a system of conductive spheres, Żakowicz, W. A267 (1988) 1
Positron production for ESRF, Andersson, Å. and M. Eriksson A267 (1988) 15
Nuclear spin depolarization of ^{6}Li on surface ionizers, Wassmuth, K. and D. Fick A267 (1988) 22
Simulation of intense particle beams with regularly distributed Gaussian subbeams, Berz, M. and H. Wollnik .. A267 (1988) 25
A neutron monochromator with five synchronously rotating rotors suspended in a magnetic field, Kalebin, S.M., G.V. Rukolaine, A.N. Polozov, V.S. Artamonov, R.N. Ivanov and V.S. Chernishov A267 (1988) 35
A new method for controlling on-target beam position, Pereira, D., O. Sala and U. Schnitter A267 (1988) 41
A microwave ion source and injector system for a Van de Graaff accelerator, Urbanus, W.H., J.G. Bannenberg, S. Doorn, S. Douma, J. Ishikawa, F.W. Saris, R. Koudijs and P. Dubbelman A267 (1988) 237
The fabrication and properties of a ^{22}Na target, Wiescher, M., J. Görres, K.L. Kratz, B. Leist, K.H. Chang, B.W. Filippone, L.W. Mitchell, M.J. Savage and R.B. Vogelaar A267 (1988) 242

Instruments and Methods for High Energy Physics

The Xenon Olive Detector for the next generation colliders, Chen, M., C. Dionisi, Yu. Galaktinov, G. Herten, P. LeCoultre, Yu. Kamyshkov, K. Luebelsmeyer, W. Wallraff and R.K. Yamamoto A267 (1988) 43
Hadron showers in a low-density fine-grained flash chamber calorimeter, Womersley, W.J., J.K. Walker, D. Bogert, L. Stutte, J. Bofill, J.I. Friedman, S. Fuess, M.C. Goodman, H.W. Kendall, V. Kistiakowsky, T. Lyons, L.S. Osborne, R.E. Pitt, B. Strongin, F.E. Taylor, M. Abolins, R. Brock, W.G. Cobau, R.W. Hatcher,D. Owen, G.J. Perkins, M. Tartaglia and H. Weerts A267 (1988) 49
Test of an electromagnetic calorimeter using BaF_2 scintillators and photosensitive wire chambers between 1 and 9 GeV, Bouclier, R., G. Charpak, W. Gao, G. Million, P. Miné, S. Paul, J.C. Santiard, D. Scigocki, N. Solomey and M. Suffert A267 (1988) 69
Drift time measurements in limited streamer tubes, Gasparini, F., R. Carlin, G. Carosi, G. D'Agostini, M. De Giorgi, U. Dosselli, M. Gaspero, S. Limentani, G. Marini, M. Morandin, A. Nigro, M. Posocco, L. Stanco, R. Stroili and C. Voci A267 (1988) 87
The charge distribution of self-quenching streamers, De Lima, E.P., J.L. Pinto da Cunha, R. Ferreira Marques and A.J.P.L. Policarpo A267 (1988) 93
A total absorption range telescope – The CARUZ, Rozon, F.M., N. Grion and R. Rui A267 (1988) 101
Electron attachment to oxygen, water, and methanol, in various drift chamber gas mixtures, Huk, M., P. Igo-Kemenes and A. Wagner A267 (1988) 107
The CDF forward/backward hadron calorimeter, Cihangir, S., F. Marchetto, P. McIntyre, T. Meyer and R. Webb A267 (1988) 249
An electromagnetic calorimeter for the small angle regions of the Collider Detector at Fermilab, Brandenburg, G., D. Brown, R. Carey, M. Eaton, A. Feldman, E. Kearns, J. Oliver, E. Sadowski, R. Schwitters, M. Shapiro, R.St. Denis, J. Bensinger, C. Blocker, M. Contreras, L. Demortier, P. Kesten, L. Kirsch, H. Piekarz, L. Spencer and S. Tarem A267 (1988) 257
The CDF central electromagnetic calorimeter, Balka, L., K. Coover, R. Diebold, W. Evans, N. Hill, L. Nodulman, J. Proudfoot, R. Rezmer, J.R. Sauer, P. Schoessow, D. Underwood, R.G. Wagner, E. Walschon, A.B. Wicklund, T. Kamon, Y. Kikuchi, K. Kondo, K. Takikawa, A. Yamashita, J.E. Elias, H. Jensen, H. Kautzky, R. Krull, K. Yasuoka, T. Devlin, U. Joshi, D. Bauer, D. Connor, J.W. Cooper, S.R. Hahn, M. Miller, R. VanBerg, H.H. Williams, S. Kobayashi, A. Murakami and S. Mikamo A267 (1988) 272
CDF end plug electromagnetic calorimeter using conductive plastic proportional tubes, Fukui, Y., M. Mishina, Y. Hayashide, S. Kanda, S. Kim, K. Kondo, S. Miyashita, H. Miyata, Y. Morita, M. Shibata, K. Takikawa, S. Mori and Y. Muraki A267 (1988) 280
The CDF central and endwall hadron calorimeter, Bertolucci, S., M. Cordelli, B. Esposito, M. Curatolo, P. Giromini, S. Miscetti, A. Sansoni, G. Apollinari, F. Bedeschi, S. Belforte, G. Bellettini, N. Bonavita, F. Cervelli, G. Chiarelli, R. Del Fabbro, M. Dell'Orso, E. Focardi, P. Giannetti, A. Menzione, R. Paoletti, G. Punzi, L. Ristori, A. Scribano, P. Sestini, A. Stefanini, G. Tonelli, F. Zetti, V.E. Barnes, A. Di Virgilio, A.F. Garfinkel, S.E. Kuhlmann, A.T. Laasanen, H. Jensen and H. Kautzky A267 (1988) 301

0168-9002/88/$03.50 © Elsevier Science Publishers B.V.
(North-Holland Physics Publishing Division)

Response maps of the CDF central electromagnetic calorimeter with electrons, Yasuoka, K., S. Mikamo, T. Kamon, A. Yamashita and the CDF NW Wedge Group A267 (1988) 315
Cosmic ray test of the central CDF calorimeters, Wagner, R.G., S. Mikamo, S. Kobayashi, A. Murakami, T. Kamon, A. Yamashita, A. Di Virgilio, D.F. Connor, S.R. Hahn, M.R. Miller, J.E. Elias, E. Focardi, K. Yasuoka and S. Cihangir A267 (1988) 330
Calibration systems for the CDF central electromagnetic calorimeter, Hahn, S.R., M. Miller, D. Connor, D. Bauer, J.W. Cooper, R. Pierce, W. Mueller, R. VanBerg, H.H. Williams, W. Li, L. Nodulman, J. Proudfoot, R. Rezmer, D. Underwood and R.G. Wagner A267 (1988) 351
A study of proportional counter readout in uranium calorimeters, Fesefeldt, H. A267 (1988) 367
Influence of gas mixture and primary ionization on the performance of limited streamer mode tubes, An Ji-Gang, K.J. Anderson, F.S. Merritt, M. Oreglia, J.E. Pilcher, A. Possoz and W. Schappert A267 (1988) 386
A study of the self-quenched streamer mode using a nitrogen laser , An Ji-Gang, K.J. Anderson, F.S. Merritt, M. Oreglia, J.E. Pilcher, A. Possoz and W. Schappert A267 (1988) 396

Instruments and Methods for Nuclear Spectroscopy

Dumond curved crystal spectrometer for in-beam X- and gamma-ray spectroscopy, Perny, B., J.-Cl. Dousse, M. Gasser, J. Kern, R. Lanners, Ch. Rhême and W. Schwitz A267 (1988) 120
Double scattering measurement applied for heavy ion elastic scattering at intermediate energies, Tanaka, M., T. Yamagata, S. Nakayama, M. Inoue, K. Goto, K. Katori, M. Yanagi and H. Ogata A267 (1988) 139
Microsecond mass separation of heavy compound nucleus residues using the Daresbury recoil separator, James, A.N., T.P. Morrison, K.L. Ying, K.A. Connell, H.G. Price and J. Simpson A267 (1988) 144
K and total internal conversion coefficients of the 1063.6 keV M4 transition of ^{207}Pb , Németh, Zs. A267 (1988) 153
Détection de produits de fission à l'aide de cellules photovoltaiques (*Letter to the Editor*), Liatard, E., S. Akrouf, J.F. Bruandet, A. Fontenille, F. Glasser, P. Stassi and Tsan Ung Chan A267 (1988) 231
Low energy neutron capture of neutron-rich target nuclides, Reffo, G., M. Blann, T. Komoto and R.J. Howerton A267 (1988) 408
A neutron spin echo spectrometer using superconducting magnets, Komura, S., T. Takeda, T. Miyazaki, M. Saga and S. Ueno A267 (1988) 425
The superconducting neutron decay spectrometer PERKEO, Bopp, P., E. Klemt, J. Last, H. Schütze, D. Dubbers and S.J. Freedman A267 (1988) 436
Design and performance of a double-arm 180° spectrometer system for magnetic electron scattering from deuterium , Katramatou, A.T., G.G. Petratos, R.G. Arnold, P.E. Bosted, R.L. Eisele and R.A. Gearhart A267 (1988) 448
A large ionization chamber for fission fragment nuclear charge identification at the LOHENGRIN spectrometer , Bocquet, J.P., R. Brissot and H.R. Faust A267 (1988) 466
The bent crystal diffraction spectrometer at the BR2 reactor in Mol, Kaerts, E., L. Jacobs, G. Vandenput and P.H.M. Van Assche A267 (1988) 473
Performance of an intrinsic germanium three-crystal ultralow background gamma-ray spectrometer, Jagam, P., J.J. Simpson, B.C. Robertson, L.J. Hahn and G.E. Aardsma A267 (1988) 486
X-rays from an ^{241}Am source and their relative intensities, Cohen, D.D. A267 (1988) 492

Computer Automated Measurement and Control

X-ray and γ-ray spectrometer based on a 68 000 microprocessor computer for simultaneous measurement and evaluation, Nessel, R., N. Pilz, P. Hoffmann and K.H. Lieser A267 (1988) 157
A small multiparameter data acquisition system for nuclear spectroscopy, Wolff, W. and H.E. Wolf A267 (1988) 161
CSTC 1/2: a CAMAC streamer tubes controller with on-line preprocessing, Palamà, G.F., G.V. Russo and R. Fonte A267 (1988) 165

Nuclear Electronics

Cascadable digital counting logic using a bipolar gate array, Imanishi, A., H. Okuno and K. Ukai A267 (1988) 168
High count rate particle spectroscopy with silicon surface-barrier detectors, Bruschi, M., P. Calonaci, G. Poggi and N. Taccetti A267 (1988) 171
Random pulse generator with a uniformly distributed amplitude spectrum, Lauch, J. and H.U. Nachbar A267 (1988) 177
A VME pressure control system for gas-filled detectors , Bassini, R., C. Boiano, S. Brambilla, I. Iori, A. Moroni and Zhang Yingji A267 (1988) 499

Numerical and Data Analysis

A general Monte Carlo calculation for the geometrical efficiency of a detection system, Van Otten, P., R. Van de Vyver, E. Van Camp, E. Kerkhove, P. Berkvens, H. Ferdinande, D. Ryckbosch, A. De Graeve and L. Van Hoorebeke A267 (1988) 183
Bayesian approach to neutron spectrum adjustment, Tichy, M. A267 (1988) 502
Reduction of charged particle energy spectra to zero target thickness, Sosin, Z. A267 (1988) 509
Monte Carlo modeling of fiber-scintillator flow-cell radiation detector geometry, Rucker, T.L., H.H. Ros and G.K. Schweitzer A267 (1988) 511

Fusion

Physics design of the deflection magnets of the JET neutral beam injector, Goede, A.P.H., B.R. Nielsen and E. Thompson A267 (1988) 193
Engineering, manufacture and test of the deflection magnets of the JET neutral beam injector, Goede, A.P.H., B.R. Nielsen, F. Shone, T. Sønderskov and E. Thompson A267 (1988) 203
Calculation of fusion product angular correlation coefficients for fusion plasmas, Murphy, T.J. A267 (1988) 520

Dosimetry, Space Radiation and Medical Applications

Correction for detector uniformity of a gamma-ray telescope using coded aperture imaging, Laudet, Ph. and J.P. Roques A267 (1988) 212

Synchrotron Radiation Research

Test station for optical elements exposed to high power synchrotron radiation beams, Mourikis, S., E.E. Koch and V. Saile A267 (1988) 218
Near field effects in off-axis undulator radiation, Walker, R.P. A267 (1988) 537
The reduction of betatron oscillations by the kicker pulse of a one-kicker injection system , Einfeld, D. and P.R.W. Henkes A267 (1988) 547

Special Applications

In situ prompt gamma-ray activation analysis of water pollutants using a shallow ^{252}Cf–HPGe probe, Chung, C. and T.-C. Tseng A267 (1988) 223

Letters to the Editor

Détection de produits de fission à l'aide de cellules photovoltaiques, Liatard, E., S. Akrouf, J.F. Bruandet, A. Fontenille, F. Glasser, P. Stassi and Tsan Ung Chan A267 (1988) 231